

## CLINTON COUNTY HEALTH DEPARTMENT

930 a Fairfax Street Carlyle, Illinois 62231  
Phone: 618-594-2723  
FAX: 618-594-5474

### HOMEOWNERS INFORMATION PACKET

\$75.00 PERMIT FEE

1. All private sewage disposal systems, either new installations, remodeling or modified **MUST** possess a valid construction permit issued from the Clinton County Health Department.

2. General recommended steps to follow to obtain a valid private sewage installation permit:

A. Notify the Clinton County Health Department of your private sewage disposal system intentions. The Health Department can provide the homeowner information regarding private sewage systems, types of systems in your area, and soil conditions. On-site inspections may be requested at no charge, with the sanitarian.

B. A Soil Evaluation must be completed for all subsurface disposal systems. **The majority of Clinton County Soils are unsuitable for subsurface lateral fields.** Check Soils Map before contacting a Soil Scientist for Soil Evaluation.

C. The Soil Evaluation, completed application, and \$75.00 permit fee needs to be submitted to the Clinton County Health Department. Upon satisfactory review a Construction Permit will be issued.

D. Contact the Health Department at least 1 or 2 days prior to construction for an inspection. An onsite inspection is required for compliance with County and State Private Sewage Disposal Act and Code prior to covering.

3. Unless the Homeowner is installing the system, the system must be installed by a State Licensed Private Sewage Disposal Contractor. The Health Department has an attached list of licensed contractors working in Clinton County.

4. Soil Evaluations are necessary to determine the size of the seepage field and depth to the High Water Table. The bottom of lateral fields can not be within 2 - 3 feet of the High Water Table. Attached is a list of Soil Scientists working in Clinton County.

5. Effluent Reduction is required on all surface discharging systems. The ER is based on 150 Square Feet per Bedroom. NO Soil Evaluation is required for surface discharging systems. The ER may be reduced in non-residential areas. Surface discharge point must be at least 25 feet on the owners property.

6. Minimum Distance Allowable (Feet):

	Well	Water Line	Lake/Stream	Building	Property Line
Building Sewer	50	10	25	-	-
Septic/Aeration Tank	50	10	25	5	5
Seepage Field	75	25	25	10	5
Surface Discharge	50	10	25	10	25
ER Trench	75	25	25	10	5

CLINTON COUNTY HEALTH DEPARTMENT  
930A Fairfax, Carlyle, Illinois 62231  
618/594-2723  
PRIVATE SEWAGE DISPOSAL SYSTEM  
PLAN REVIEW APPLICATION

PERMIT FEE \$75.00

☐ New System

☐ Renovation

LOG NUMBER \_\_\_\_\_ COUNTY \_\_\_\_\_

1. Owner: \_\_\_\_\_ Current Address \_\_\_\_\_  
Telephone No. \_\_\_\_\_ City/ZIP \_\_\_\_\_

2. Contractor: \_\_\_\_\_ License Number \_\_\_\_\_  
Address: \_\_\_\_\_ Telephone No. \_\_\_\_\_

3. Location - County \_\_\_\_\_ City \_\_\_\_\_ Street \_\_\_\_\_  
Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_

**\*Parcel Number:** \_\_\_\_\_

4. Directions to Site: Highway Number, Secondary Roads, Signs to Follow, etc.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Site Information: \_\_\_\_\_

Residential \_\_\_\_\_ No. of Bedrooms \_\_\_\_\_ Garbage Disposal Yes \_\_\_\_\_ No \_\_\_\_\_ Basement Yes \_\_\_\_\_ No \_\_\_\_\_  
Commercial \_\_\_\_\_ No of Employees \_\_\_\_\_ Design Flow \_\_\_\_\_

Soil Evaluation Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

Soil Type: \_\_\_\_\_ HWT: \_\_\_\_\_ Loading Rate: \_\_\_\_\_

6. Proposed Private Sewage Disposal System:

a.) Septic Tank Size \_\_\_\_\_ Gallons, IL. # \_\_\_\_\_

h.) Waste Stabilization Pond \_\_\_\_\_ Length \_\_\_\_\_

b.) Subsurface Seepage Field/Bedroom \_\_\_\_\_ Sq. Ft. \_\_\_\_\_

Width \_\_\_\_\_

Total Subsurface Seepage Field \_\_\_\_\_ Sq. Ft.

i.) Wisconsin Mound Basal Area \_\_\_\_\_ Sq. Ft.

c.) Gravel-Less Seepage Field - L.F. 8" \_\_\_\_\_ L.F. 10" \_\_\_\_\_

j.) Chlorination Tank \_\_\_\_\_ Gallons

d.) Seepage Bed \_\_\_\_\_ Sq. Ft.

k.) Aeration Treatment Plant Manufacturer \_\_\_\_\_

e.) Seepage Pit \_\_\_\_\_ Sq. Ft.

f.) Buried Sand/Recirculating Filter \_\_\_\_\_ Sq. Ft.

l.) Location of Audio & Visual Alarms \_\_\_\_\_

g.) ERT \_\_\_\_\_ Sq. Ft.

7. I certify that the attached information is complete and corrected and that, if approved, the work will conform with the current Private Sewage Disposal Licensing Act and Code.

Signature of Applicant (Owner or Contractor)

Date

IMPORTANT NOTICE:

This State Agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act 84-670. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center.

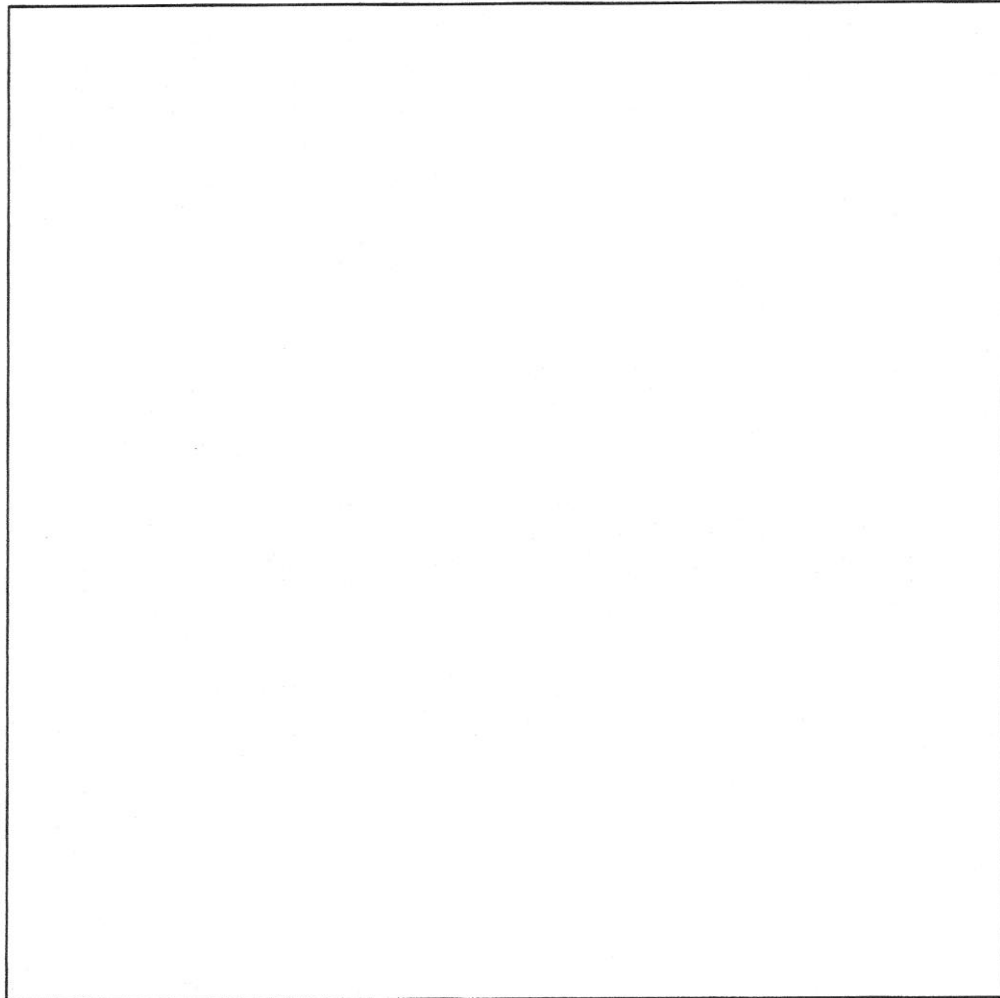
PRIVATE SEWAGE DISPOSAL SYSTEM  
PLAN REVIEW APPLICATION

8. Lot Diagram and Sewage System Plan:

Furnish plans or draw to scale the proposed construction indicating lot size with dimensions showing the system, type of system to be constructed, the dimensions of the system to be installed showing material, utilities, distance to water lines, water wells, portable water storage tanks, buildings, lot lines and typical cross section of the system.

North

1" = \_\_\_\_\_



CHECKLIST - Check Off

Lot Size Indicated	_____
System Dimensions	_____
Materials Labeled	_____
Utilities Shown	_____
Soil Evaluation Locations	_____
Water Supply	_____
Required Distance Labeled	_____
Extraordinary Condition Shown	_____

**CLINTON COUNTY**  
**LICENSED PRIVATE SEWAGE DISPOSAL CONTRACTORS**

**James C. Markus**  
Aviston, IL 62216  
Cell: 444-6683

**Roger Koerkenmeier**  
Breese, IL 62230  
Cell: 920-8566

**Keith Lampe**  
Germantown, IL 62245  
Cell: 210-6207

**Dennis Strubhart**  
Aviston, IL 62216  
Office: 228-7702

**Ralph Rakers**  
Carlyle, IL 62231  
Cell: 581-3975

**Jackie Linton**  
Keyesport, IL 62253  
Cell: 741-5363

**Andrew Straeter**  
Breese, IL 62230  
Cell: 210-1362

**Beckemeyer Sales and Service**  
Beckemeyer, IL 62219  
Office: 227-8220

**Carlyle Plumbing & Heating**  
Carlyle, IL 62231  
Office: 594-3809

**Tony Lusch**  
Salem, IL 62881  
Office: 548-2637

**Kurt Wuhrlé**  
Lebanon, IL 62254  
Office: 537-4027

**Steve Bost**  
Pocahontas, IL 62275  
Cell: 781-8350

**Mike Kidd**  
Vandalia, IL 62471  
Office: 283-1355

**White's Sanitation**  
Sorento, IL 62036  
Office: 217-272-4259

**SEPTIC TANK MANUFACTURERS & AERATION UNIT DEALERS**

**Kohnen Concrete**  
Germantown, IL 62245  
Office: 523-4266

**Farm Feeds Construction**  
Aviston, IL 62216  
Office: 228-7702

**LICENSED PRIVATE SEWAGE PUMPERS**

**A-1 Higgins Septic Service**  
Carlyle, IL 62231  
Cell: 973-2719

**Kramer Septic Service**  
Breese, IL 62230  
Office: 526-2561

**Jim Griffin**  
Carlyle, IL 62231  
Cell: 401-3428

**2008 CERTIFIED Professional Soil Classifiers**

**ILLINOIS SOIL CLASSIFIERS ASSOCIATION**

Doug Gaines  
Scott Hardin  
Gary Lenz

8611 Wiesemann Rd., Worden, IL 62097  
9833 Lower Marine Rd., Marine, IL 62061  
3925 J J Road, Waterloo, IL 62298

Phone: 459-8619  
Phone: 644-8171  
Phone: 939-4986

Please check ISCL web page [www.illinoissoils.org/soilconsult.htm](http://www.illinoissoils.org/soilconsult.htm) to hire a soil classifier for private consulting.

# SEPTIC SYSTEMS DO's and DON'Ts

Homeowner Information  
from  
Clinton County Health Department

## DO's

**Do** learn the location of your septic tank and lateral field. Keep a sketch of it handy along with your maintenance record for service visits.

**Do** have your septic system inspected annually.

**Do** have your septic tank pumped out regularly by a licensed contractor.

**Do** know the location of your septic tank inspection port. The inspection port should be within 12 inches of the ground surface.

**Do** call a professional whenever you experience problems with your system or if there are any signs of system failure.

**Do** keep a detailed record of repairs, pumpings, inspections, permits issued and other maintenance activities.

**Do** conserve water to avoid overloading the system. Be sure to repair any leaking faucets or toilets. Spread laundry out over the week. Once a week multiple wash loads are not recommended.

### **WARNING**

Anything you can not eat or digest should not be placed in your septic tank.

Inspect your septic tank every 3 years and pump the tank on a regular basis.

Use only State Licensed Private Sewage Professionals.

## DON'Ts

**Don't** go down into a septic tank. Toxic gases are produced by the natural treatment processes in septic tanks and can kill in minutes. Extreme care should be taken when inspecting a septic tank, even just looking in.

**Don't** allow anyone to drive or park over any part of the septic system.

**Don't** plant anything over or near the drain field except grass. Roots from trees and shrubs may clog and damage drain lines.

**Don't** dig in your drainfield or build anything over it, and don't cover the drainfield with a hard surface such as concrete or asphalt. The area over the drainfield should have only a grass cover.

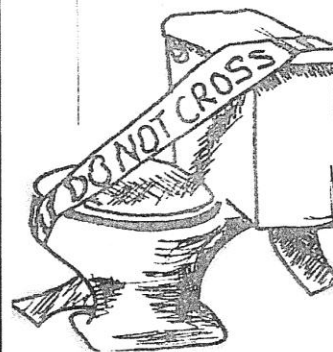
**Don't** make or allow repairs to your septic system without obtaining the required health department permit. Use professional licensed sewage contractors when needed.

**Don't** use septic tank additives. These products usually do not help and some may even be harmful to your system.

**Don't** use your toilet as a trash can or poison your septic tank and ground water by pouring harmful chemicals or cleansers down the drain. Harsh chemicals can kill the beneficial bacteria that treat your waste water.

**Don't** use a garbage disposal without checking with your local health department to make sure your septic tank can accommodate the additional waste.

**Don't** allow backwash from home water softeners to enter the septic system.



## Do not flush:

Coffee grounds  
Dental floss  
Disposable diapers  
Kitty litter  
Sanitary napkins  
Tampons  
Cigarette butts  
Condoms  
Fats, Grease or Oil  
Paper towels

and hazardous chemicals,  
such as:

Paints  
Varnishes  
Thinners  
Waste Oils  
Photographic solutions  
Pesticides  
Cleaning solutions

These items can destroy the  
biological digestion taking  
place within your septic  
tank.

## Maintenance of Aeration Units:

### Owner Responsibilities:

READ the owners Manual, if you do not receive a manual please contact the installer or the Clinton County Health Department, 618-594-2723

The aeration unit is not maintenance free and at some time may need to be pumped. The aeration unit should not emit any septic odors.

On a monthly basis you should check for odors around the aeration unit and in the water being discharged. Report any odors and any discolored water (effluent) being discharged.

The water (effluent) being discharged needs to be chlorinated if it leaves your property or ponds on your property.

The aeration unit is designed for a maximum sewage flow rate, excess water usage may cause problems with treatment. Avoid using the washing machine for numerous (over 4 or 5 loads) on the same day.

To ensure proper operation and minimize problems, please review and follow these guidelines:

1. DO NOT add strong detergents, disinfectants, or bleach (other than very small amounts used in daily household cleaning and laundries) to the system.
2. DO NOT allow the discharge of any clear water discharges ( water softeners, air conditioners, footing drains, etc.) into the system.
3. DO NOT allow any disposable items such as: diapers, tampons, sanitary napkins, large quantities of paper products, tobacco products, non-biodegradable items, into the system.
4. DO NOT allow coffee grounds, chemical waste, paint, personal medicines, oils, or grease (such as cooking grease) into the system.